

Abstract

The device with vacuum bag for pressure therapy solves the problem of accurate measuring of the under-pressure created in the vacuum bag and the problem of appropriate adjustment of the liner clothing to individual patients. The device with vacuum bag for pressure therapy according to the invention consists of a vacuum bag (5), specially designed liner clothing, and a control and measuring unit, situated in a housing (1), including a pressure gauge (2), which has direct connection to the vacuum bag (5) through a tube (8). The air is sucked out from the bag (5) through tubes (4) attached on the one side to six connections (6) on the vacuum bag and on the other side to connections (3) provided on the housing (1). The liner clothing consists of several pieces designed for different parts of the body. The liner clothing pieces are made of two layers of porous fabric sewn together with longitudinal seams. The pockets made in this way are filled with granulated material, which enables close fitting of the liner clothing to the body, when the under-pressure is created in the vacuum bag (5), as the air between the particles is sucked out, too. The liner clothing pieces are bound together by means of VELCRO® brand fasteners.